

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR02/01837

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 A61L 27/14**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61L 27/14, A01N 25/12, A01N 43/04, A61F 2/00, A61K2/14, A61M 5/32

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patent and Application for Invention since 1975

Korean Utility Models and Application for Utility Models since 1975

Japanese Utility Models and Application for Utility Models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

NCBI, eKIPASS, USPTO, INSPECT "tripolyphosphate, chitosan, bone, composition, form*"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6344488 B1 (Bio Syntec) 5 Feb 2002 -see the whole document, especially Example V-	1, 2, 4, 5
A	Biomaterials, Vol. 20:1603-1612 (Mi, et al.) Sep 1999 -see the whole document-	1, 4, 5
A	International Journal of Pharmaceutics, Vol. 233: 217-225 (Shu, X.Z. and Zhu, K.J.) Feb 2002 -see the whole document-	1, 4, 5
T, A	J Clin Invest, Vol. 110: 751-759 (Peng, et al.) Sep 2002 -see the whole document-	1, 3, 7, 9, 10
A	Bone, Vol. 31: 340-347 (Kishimoto, et al.) Aug 2002 -see the whole document-	1, 3, 7, 9, 10

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

25 JUNE 2003 (25.06.2003)

Date of mailing of the international search report

26 JUNE 2003 (26.06.2003)

Name and mailing address of the ISA/KR

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR02/01837

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6344488 B1	5 Feb 2002	WO 9907416 A1 EP 1003567 A1 AU 724878 B2 JP 2001513367 T2 NZ 502919 A IL 134368 A0 NO 20000593 A	18 Feb 1999 31 May 2000 05 Oct 2000 04 Sep 2001 26 Apr 2002 30 Apr 2001 29 Mar 2000